



Yocom-McColl Testing Laboratories, Inc.

540 West Elk Place • Denver, Colorado 80216-1823 USA

PHONE (303) 294-0582 • FAX (303) 295-6944

EMAIL: ymccoll@ymccoll.com

**Optical Fiber Diameter Analyser (OFDA 100)
Micron Test Report**

Tierra Prometida Alpacas/Rhonda Deschner
4805 FM 32
Fischer TX 78623-1877 USA

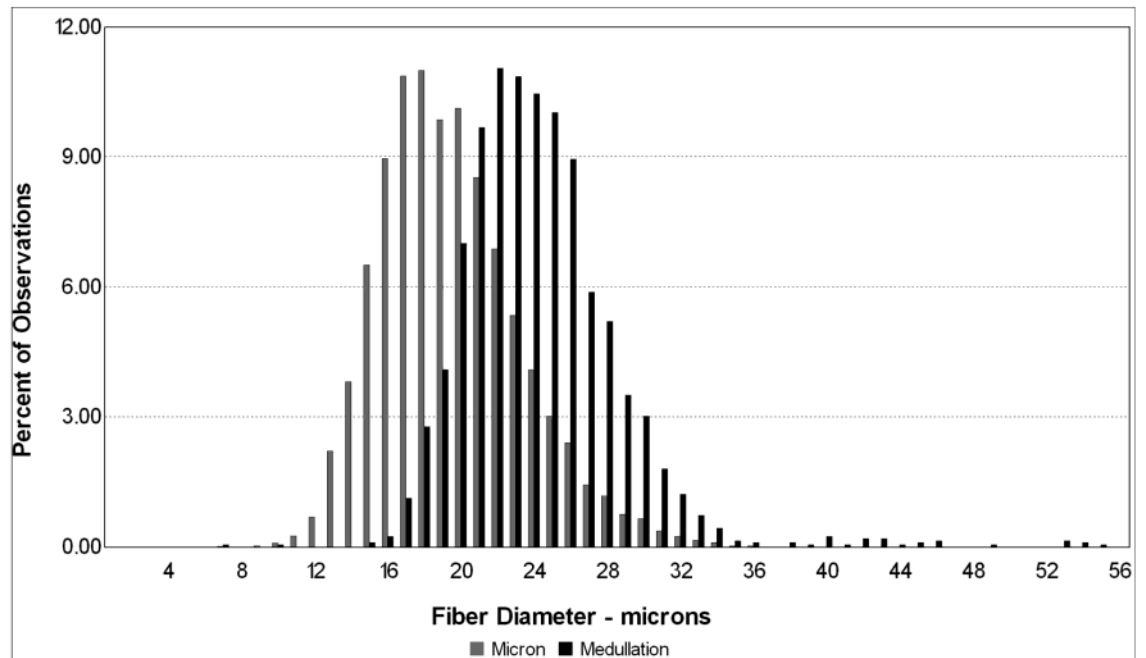
Date: 05/30/14
Shear ID: 76025
Test No: 478595

Animal and Sample Description

Animal Name: TP Snowmass Touche's Tiago	Date of Birth (Age): 09/26/12
ARI #: 32757910	Sample Location: Side
Breed: Alpaca(Huacaya)	Sample Date: 05/04/14
Sex: Male	Previous Shear Date: 06/22/13
Color: White	Total Fleece Wt (lbs): 8.20

Laboratory Data

Mean Fiber Diameter: 19.6 microns	Mean Staple Length: 112.8 mm
Standard Deviation: 4.1 microns	Length Standard Deviation: 7.3 mm
Coefficient of Variation: 21.1 %	Length Coefficient of Variation: 6.4 %
Spin Fineness: 19.0 microns	Mean Curvature: 42.8 deg/mm
Fibers Greater Than 30 microns: 1.3 %	SD Curvature: 23.1 deg/mm
Comfort Factor: 98.7 %	Medullated Fibers: 20.0 %



This Test Performed According to I.W.T.O Method 47



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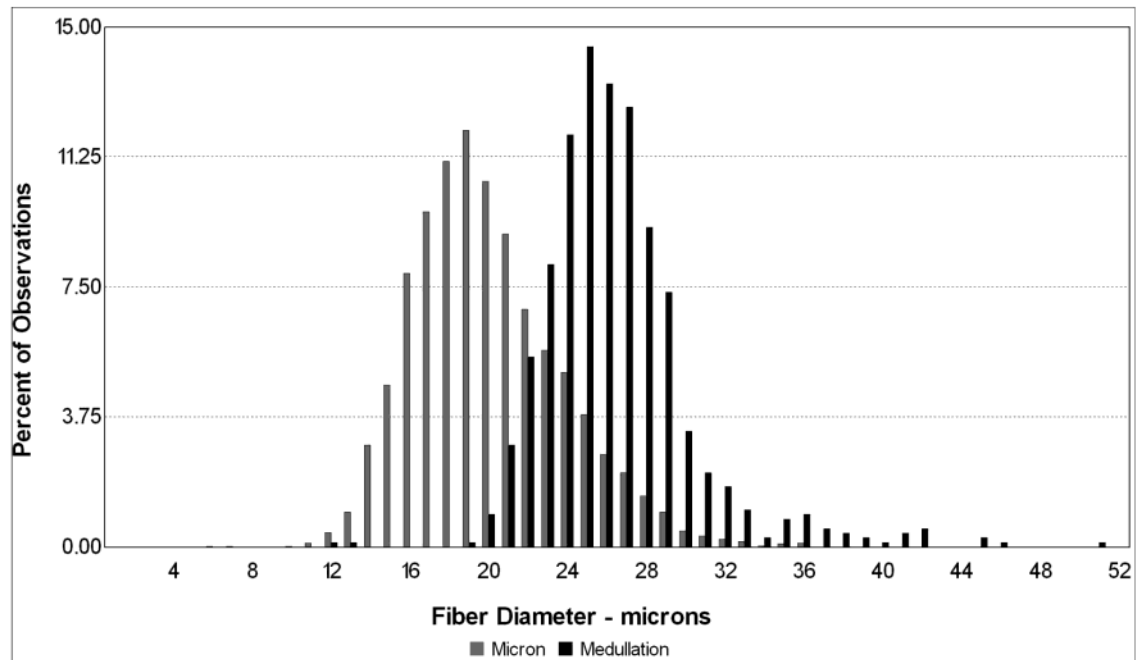
Date: 05/30/14
Shear ID: 67876
Test No: 478567

Animal and Sample Description

Animal Name: TP Touche's En Guard	Date of Birth (Age): 12/07/11
ARI #: 31945530	Sample Location: Side
Breed: Alpaca(Huacaya)	Sample Date: 04/05/14
Sex: Male	Previous Shear Date: 04/06/13
Color: White	Total Fleece Wt (lbs): 6.50

Laboratory Data

Mean Fiber Diameter: 20.1 microns	Mean Staple Length: 117.6 mm
Standard Deviation: 4.0 microns	Length Standard Deviation: 3.9 mm
Coefficient of Variation: 19.9 %	Length Coefficient of Variation: 3.3 %
Spin Fineness: 19.4 microns	Mean Curvature: 43.7 deg/mm
Fibers Greater Than 30 microns: 1.3 %	SD Curvature: 22.4 deg/mm
Comfort Factor: 98.7 %	Medullated Fibers: 12.8 %



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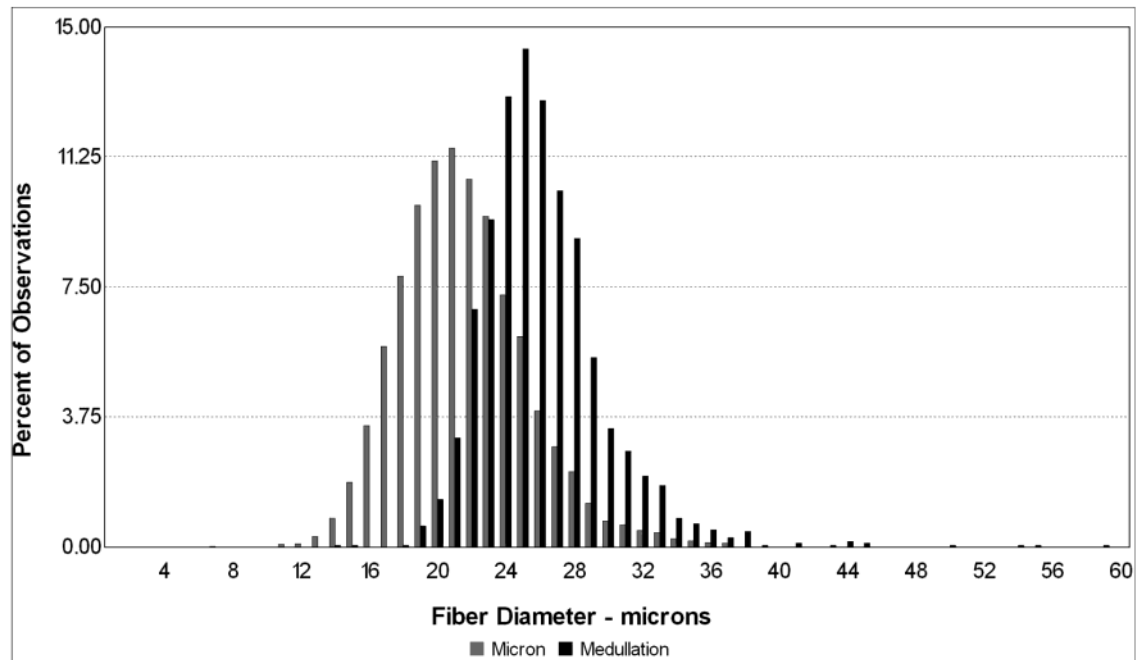
Date: 05/30/14
Shear ID: 67873
Test No: 478588

Animal and Sample Description

Animal Name: TP Snowmass Touche's Trinity	Date of Birth (Age): 11/13/12
ARI #: 32757927	Sample Location: Side
Breed: Alpaca(Huacaya)	Sample Date: 04/05/14
Sex: Female	Previous Shear Date: 06/22/13
Color: White	Total Fleece Wt (lbs): 4.00

Laboratory Data

Mean Fiber Diameter: 21.7 microns	Mean Staple Length: 89.0 mm
Standard Deviation: 4.0 microns	Length Standard Deviation: 1.2 mm
Coefficient of Variation: 18.6 %	Length Coefficient of Variation: 1.4 %
Spin Fineness: 20.7 microns	Mean Curvature: 43.4 deg/mm
Fibers Greater Than 30 microns: 2.6 %	SD Curvature: 24.4 deg/mm
Comfort Factor: 97.4 %	Medullated Fibers: 20.4 %



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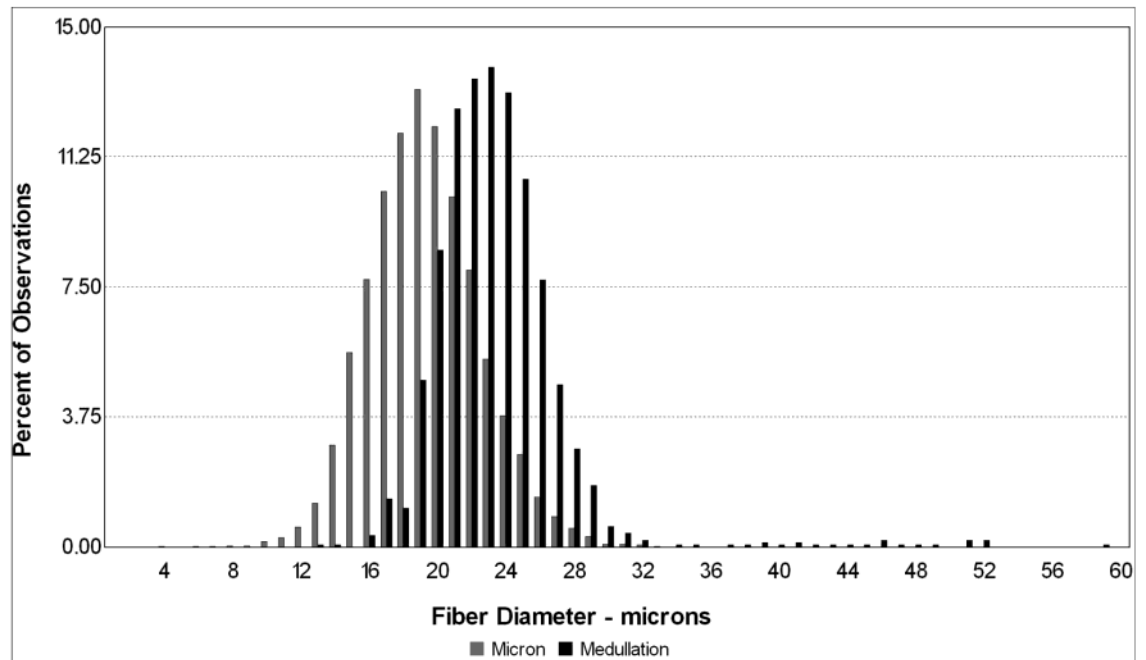
Date: 05/30/14
Shear ID: 67872
Test No: 478577

Animal and Sample Description

Animal Name: TP Snowmass Touche of Frost	Date of Birth (Age): 02/10/13
ARI #: 32463408	Sample Location: Side
Breed: Alpaca(Huacaya)	Sample Date: 04/05/14
Sex: Male	Previous Shear Date: 06/22/13
Color: Beige	Total Fleece Wt (lbs): 4.20

Laboratory Data

Mean Fiber Diameter: 19.4 microns	Mean Staple Length: 97.8 mm
Standard Deviation: 3.6 microns	Length Standard Deviation: 7.4 mm
Coefficient of Variation: 18.6 %	Length Coefficient of Variation: 7.6 %
Spin Fineness: 18.5 microns	Mean Curvature: 40.0 deg/mm
Fibers Greater Than 30 microns: 0.5 %	SD Curvature: 22.4 deg/mm
Comfort Factor: 99.5 %	Medullated Fibers: 14.4 %



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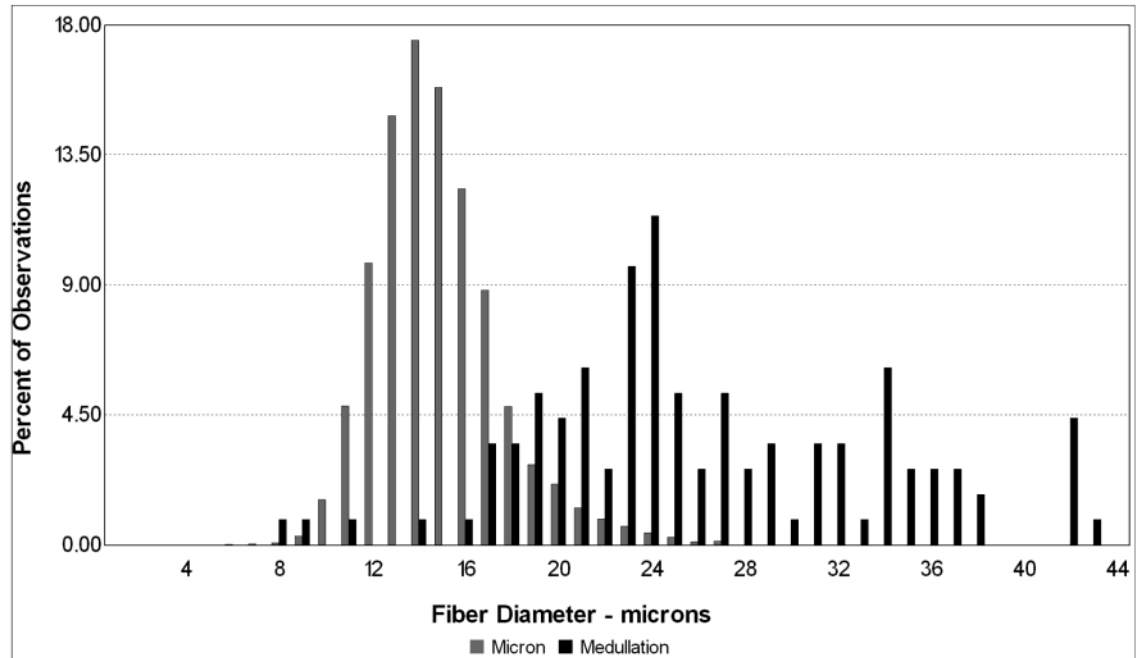
Date: 05/30/14
Shear ID: 67871
Test No: 478587

Animal and Sample Description

Animal Name: TP Siberian Touche	Date of Birth (Age): 04/09/13
ARI #: 32463590	Sample Location: Side
Breed: Alpaca(Huacaya)	Sample Date: 04/05/14
Sex: Male	Previous Shear Date: 06/22/13
Color: White	Total Fleece Wt (lbs): 4.00

Laboratory Data

Mean Fiber Diameter: 15.0 microns	Mean Staple Length: 93.4 mm
Standard Deviation: 3.1 microns	Length Standard Deviation: 9.9 mm
Coefficient of Variation: 20.7 %	Length Coefficient of Variation: 10.6 %
Spin Fineness: 14.6 microns	Mean Curvature: 44.7 deg/mm
Fibers Greater Than 30 microns: 0.4 %	SD Curvature: 23.7 deg/mm
Comfort Factor: 99.6 %	Medullated Fibers: 1.4 %



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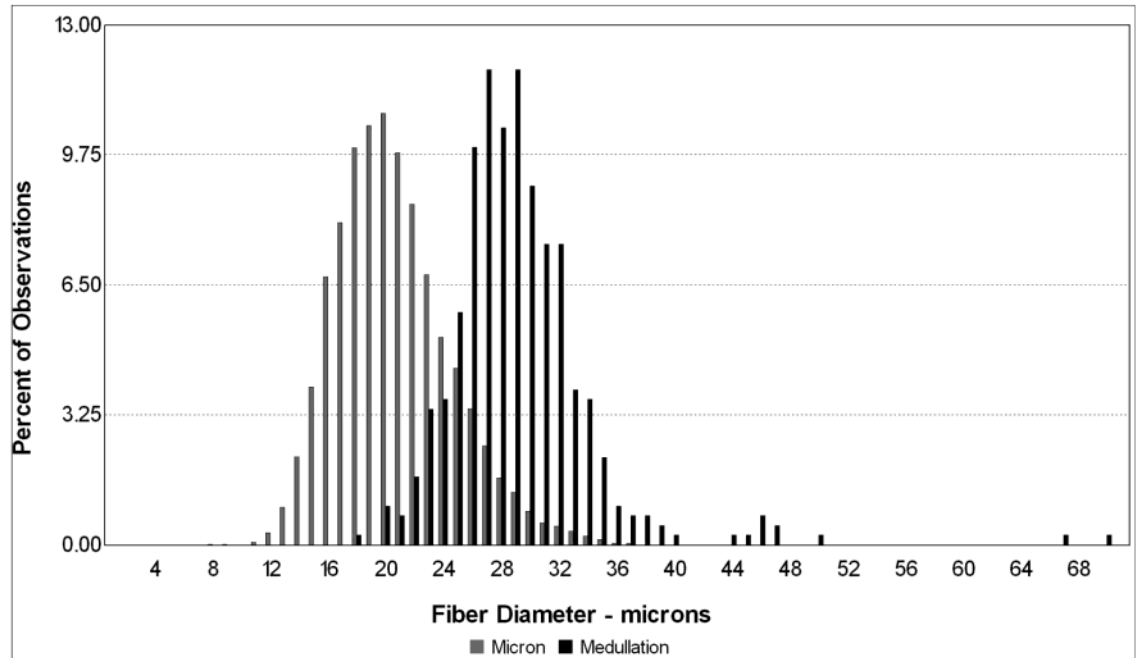
Date: 05/30/14
Shear ID: 76024
Test No: 478590

Animal and Sample Description

Animal Name: TP Quechua's Verticase's Veneno	Date of Birth (Age): 03/09/13
ARI #: 32463446	Sample Location: Side
Breed: Alpaca(Huacaya)	Sample Date: 05/04/14
Sex: Male	Previous Shear Date: 06/22/13
Color: White	Total Fleece Wt (lbs): 5.70

Laboratory Data

Mean Fiber Diameter: 20.7 microns	Mean Staple Length: 83.0 mm
Standard Deviation: 4.3 microns	Length Standard Deviation: 4.7 mm
Coefficient of Variation: 20.7 %	Length Coefficient of Variation: 5.7 %
Spin Fineness: 20.1 microns	Mean Curvature: 57.4 deg/mm
Fibers Greater Than 30 microns: 2.1 %	SD Curvature: 27.1 deg/mm
Comfort Factor: 97.9 %	Medullated Fibers: 4.7 %



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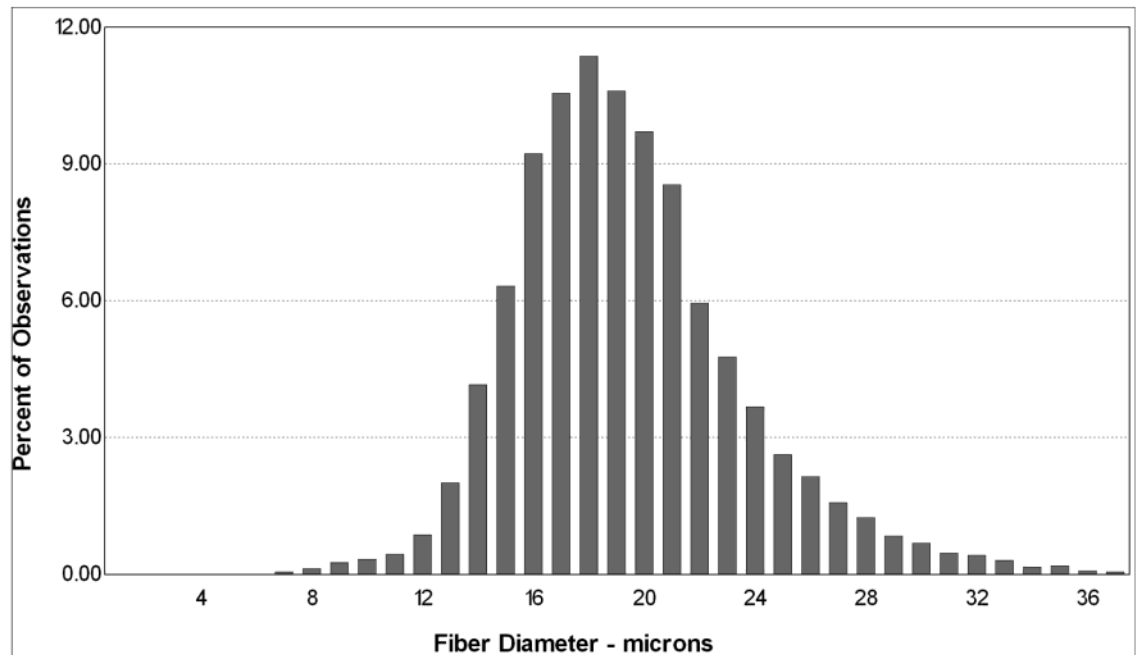
Date: 05/30/14
Shear ID: 76023
Test No: 478604

Animal and Sample Description

Animal Name: TP Quechua's Verticase Delta Blues	Date of Birth (Age): 01/01/13
ARI #: 32757729	Sample Location: Side
Breed: Alpaca(Huacaya)	Sample Date: 05/04/14
Sex: Male	Previous Shear Date: 06/22/13
Color: Dark Fawn	Total Fleece Wt (lbs): 5.20

Laboratory Data

Mean Fiber Diameter: 19.5 microns	Mean Staple Length: 86.4 mm
Standard Deviation: 4.5 microns	Length Standard Deviation: 2.9 mm
Coefficient of Variation: 23.1 %	Length Coefficient of Variation: 3.3 %
Spin Fineness: 19.3 microns	Mean Curvature: 47.6 deg/mm
Fibers Greater Than 30 microns: 2.0 %	SD Curvature: 25.9 deg/mm
Comfort Factor: 98.0 %	



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